

FIG. 1

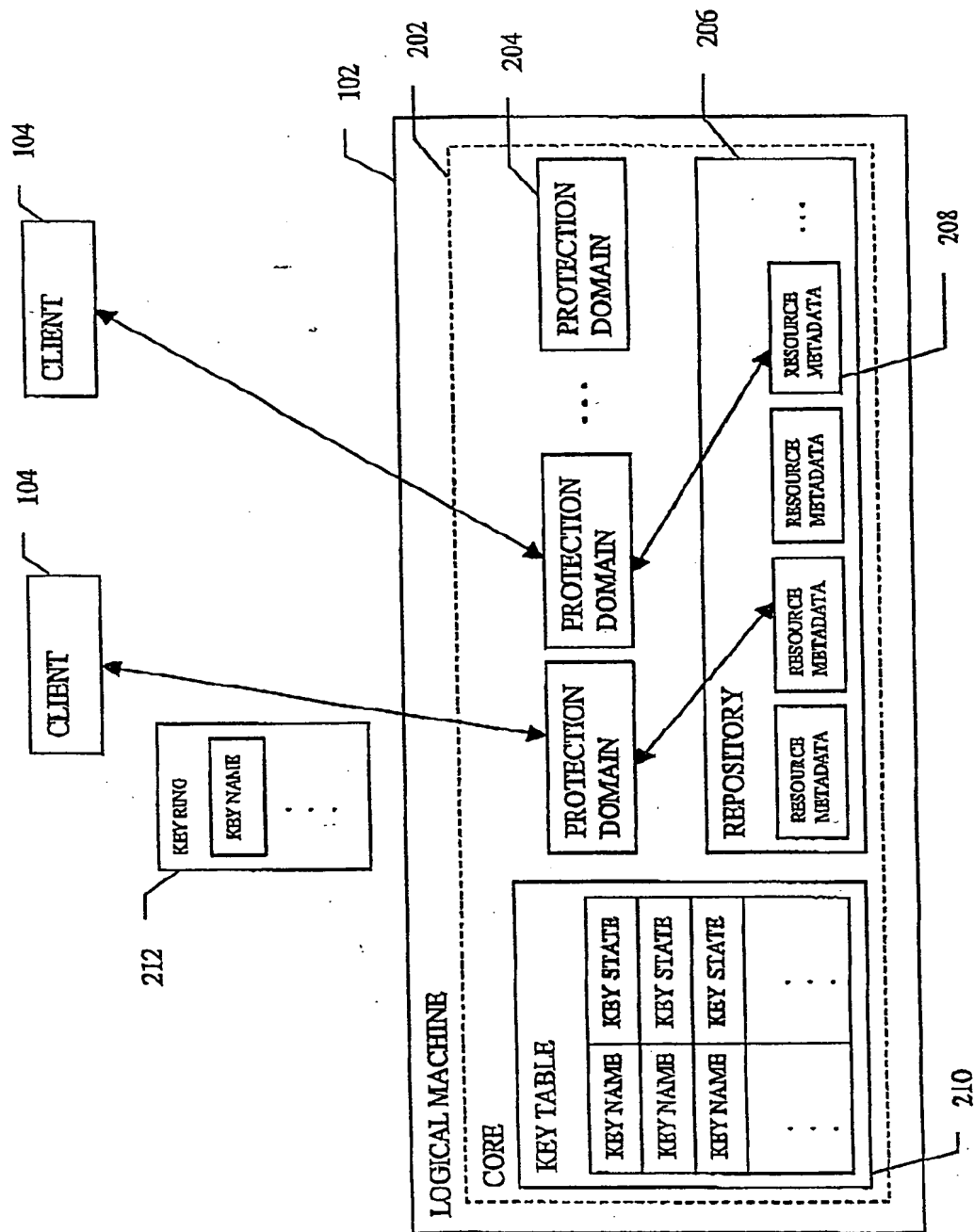


FIG. 2

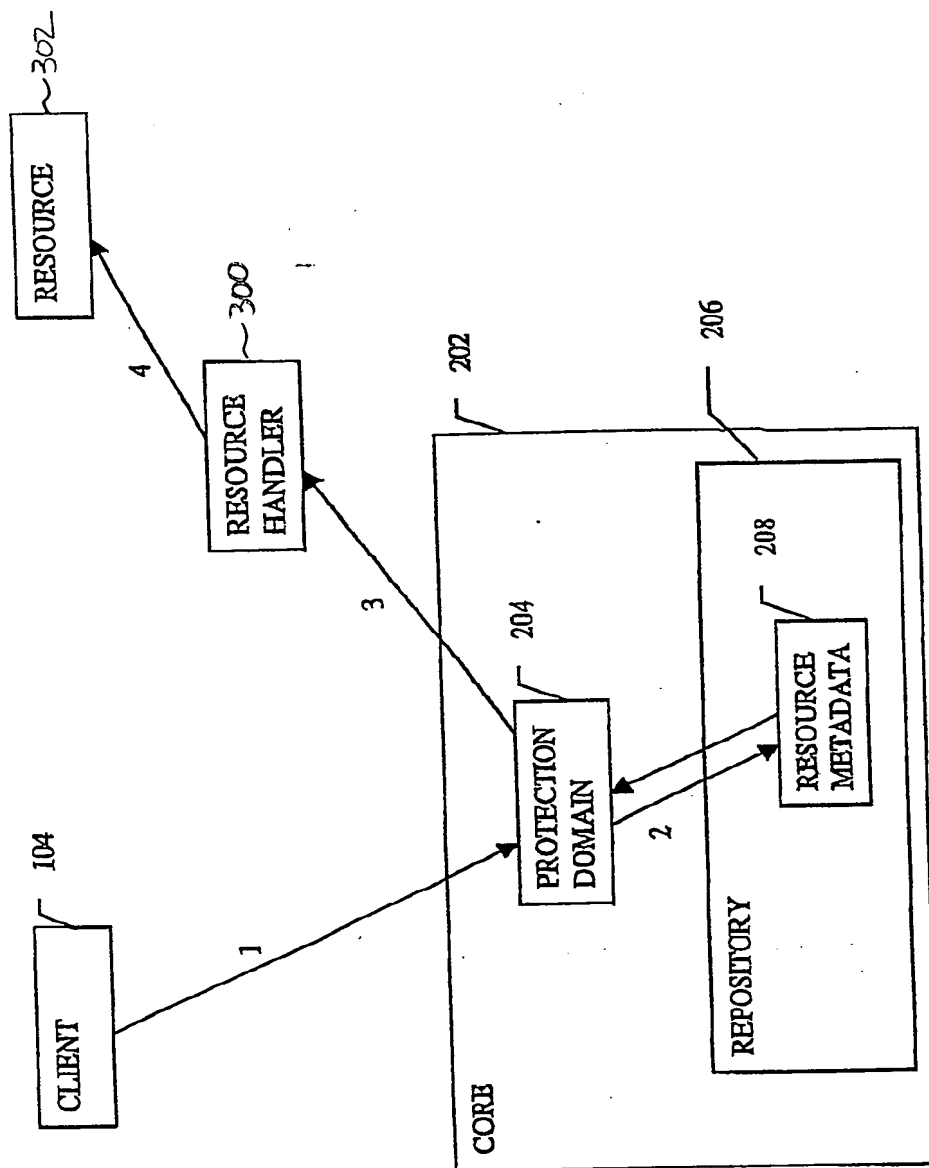


FIG. 3

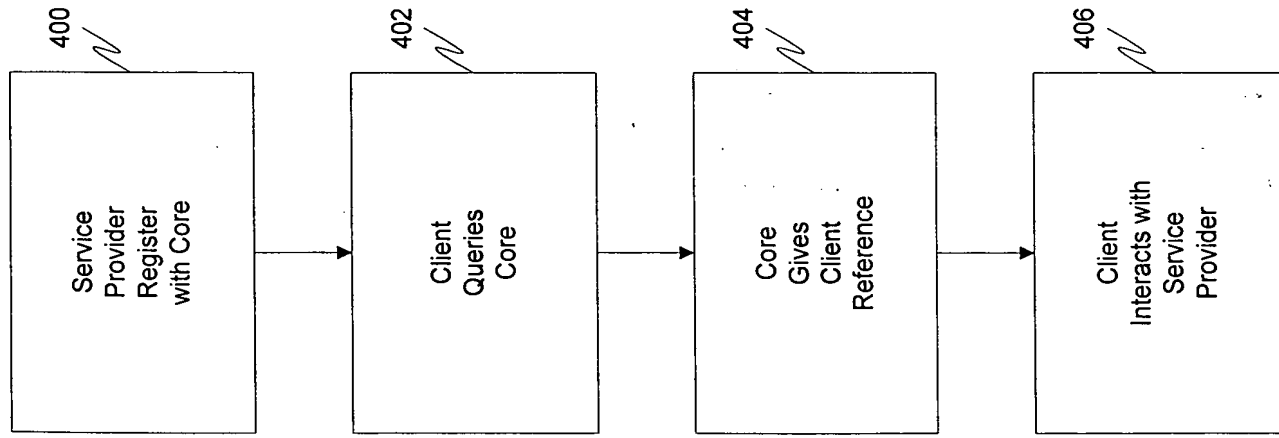


FIG. 4A

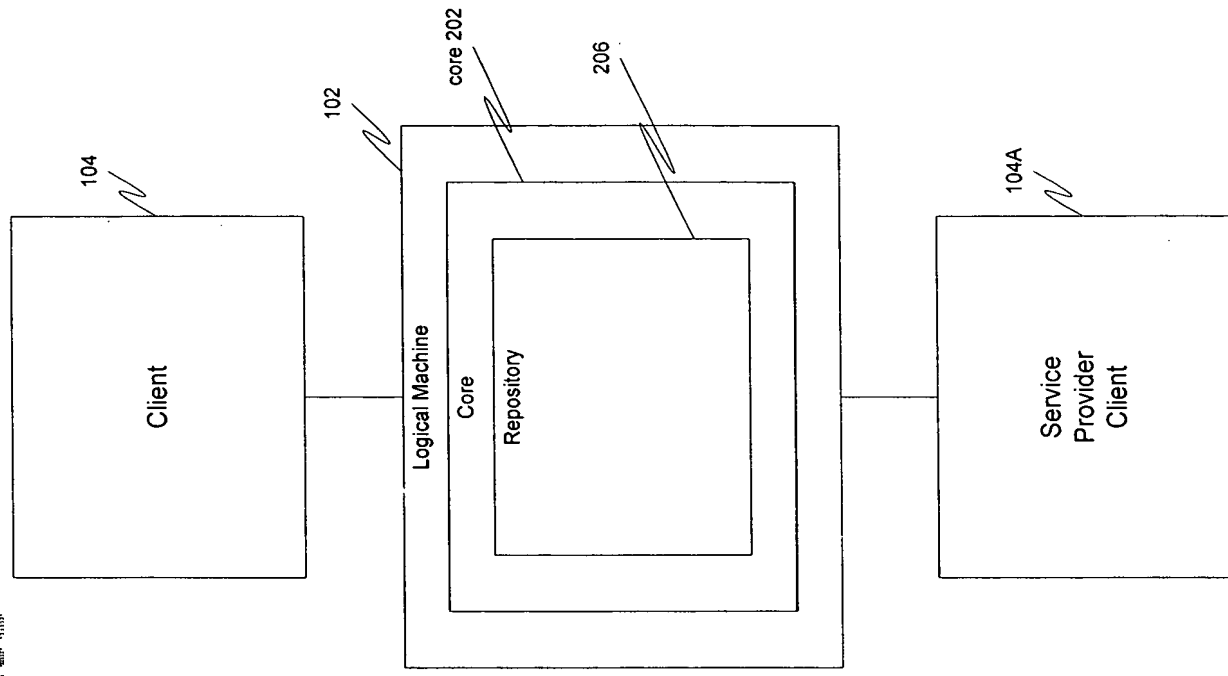


FIG. 4B

500
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502	Vocabulary	The definition of the attributes and their types used in descriptions and lookups
504	Resource Handler Mailbox	The process/thread/task that handles the Resource
506	Contract	Denotes the Application Programming Interface (API) supported by the provider, including version and similar information
508	Visibility and permissions	Access control information
510	Private Resource-specific data	Data important to the provider of the Resource, such as the provider's internal name for the Resource.
512	Public Resource-specific data	Data important to the user of the Resource, such as a stub for invoking methods.

FIG. 5

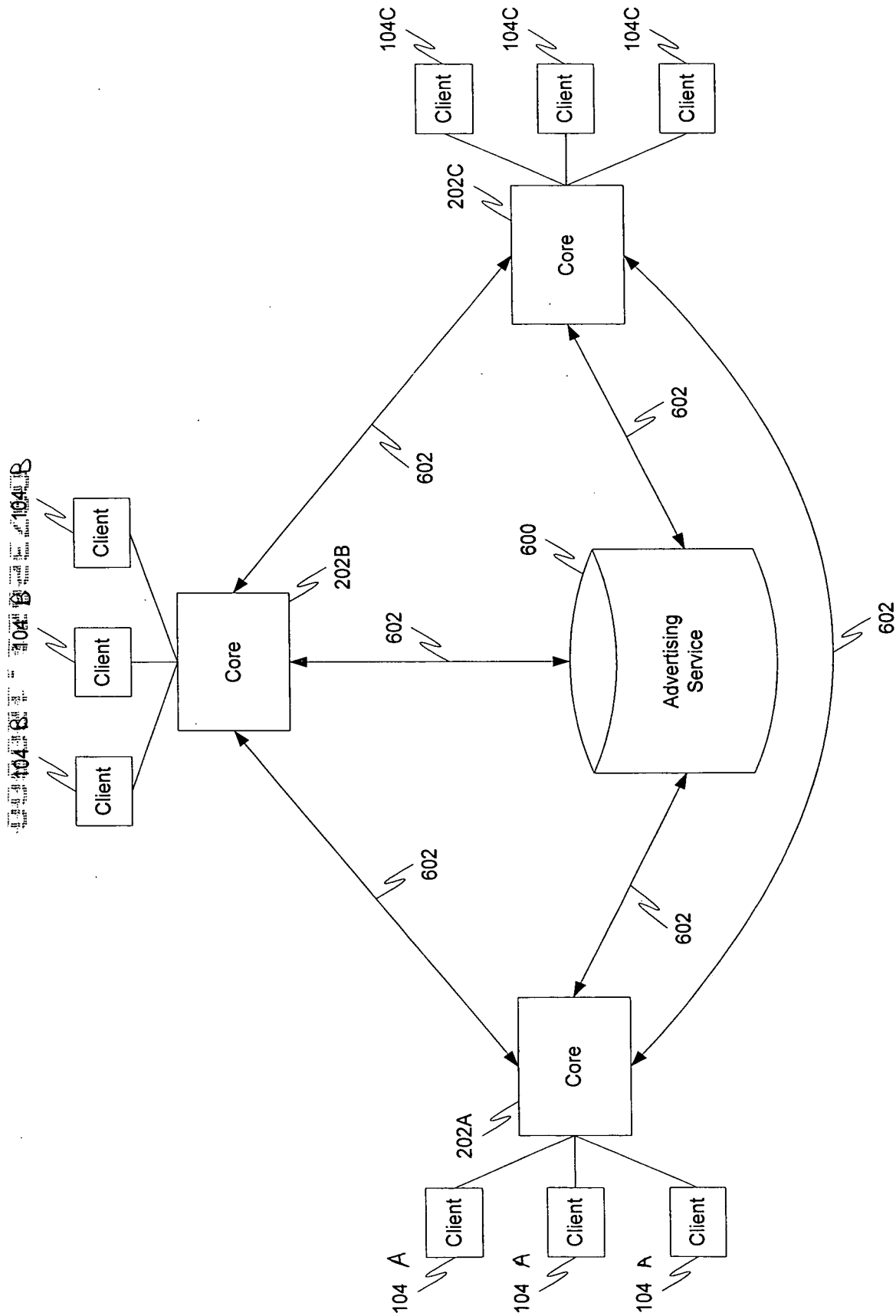


FIG. 6

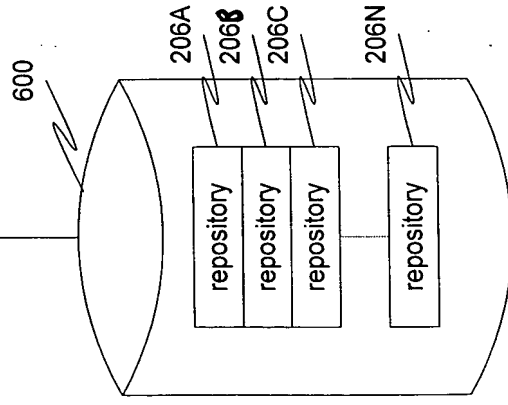
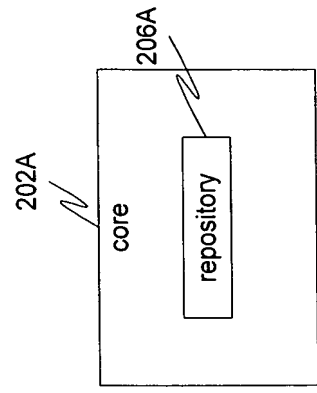


FIG. 7A OFFLINE

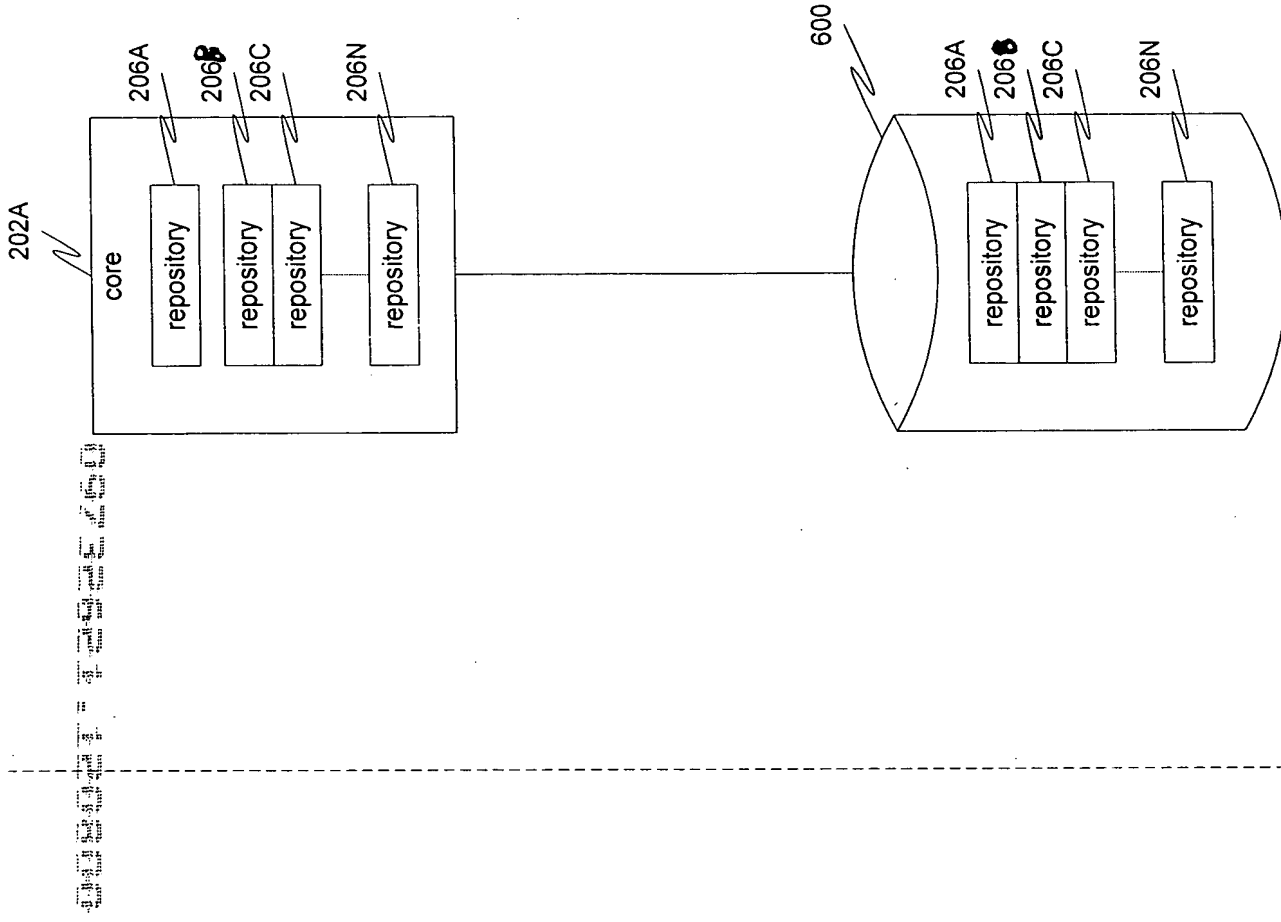


FIG. 7B ONLINE

FIG. 8 is a block diagram of a system architecture for an advertising service.

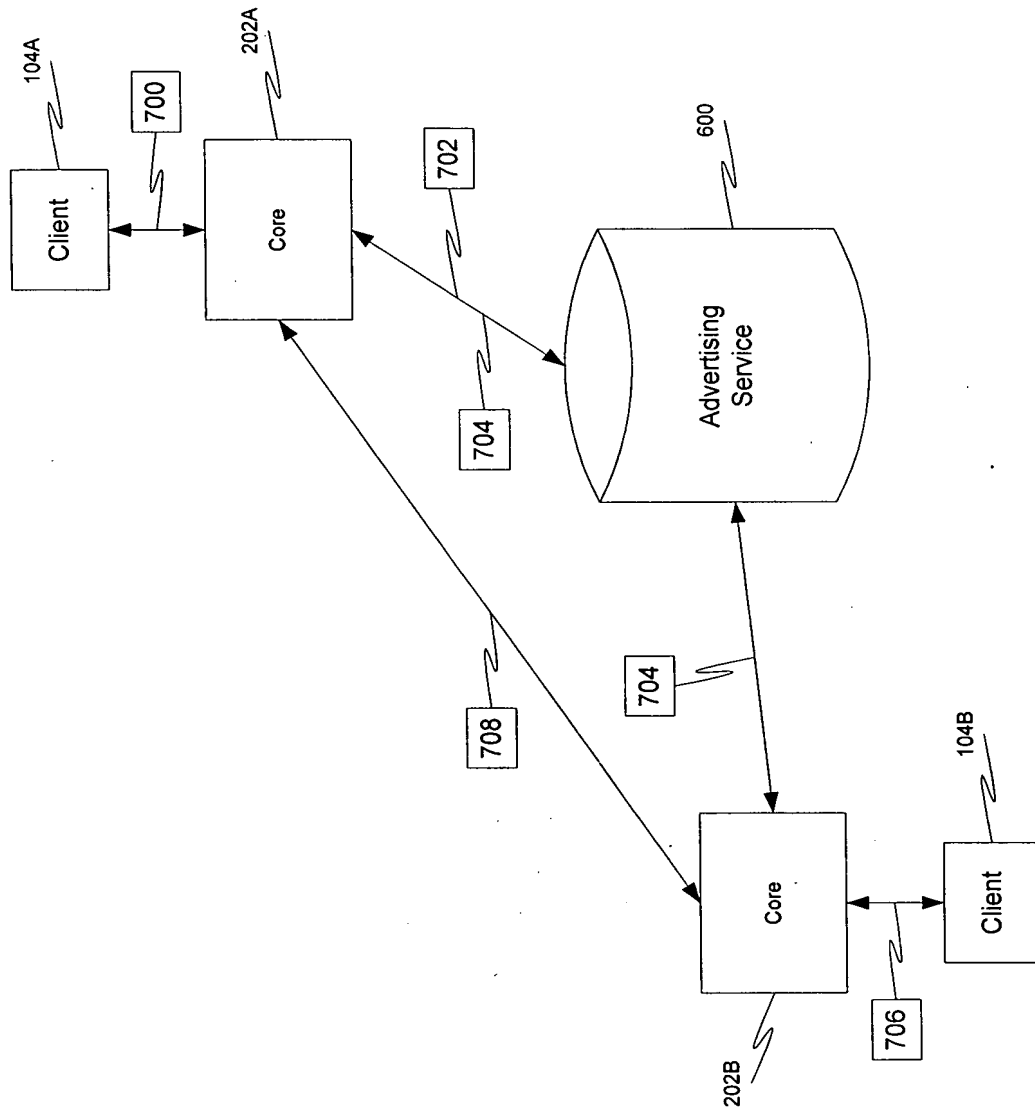


FIG. 8

FIG. 9A is a block diagram of a network architecture. The architecture includes a Client (104A) connected to a Core (202A) via a link (900). The Core (202A) is connected to a Well Known Portal (901) via a link (904). The Well Known Portal (901) is connected to the Core (202B) via a link (903). The Core (202B) is connected to a Client (104B) via a link (902). The Core (202A) is also connected to an Advertising Service (600A) via a link (908). The Core (202B) is connected to an Advertising Service (600B) via a link (904). The Advertising Service (600A) is connected to the Core (202A) via a link (900). The Advertising Service (600B) is connected to the Core (202B) via a link (902). The links (900, 902, 903, 904, 908) are represented by wavy lines. The Client (104A) and Client (104B) are represented by rectangles. The Core (202A) and Core (202B) are represented by rectangles. The Well Known Portal (901) is represented by a rectangle. The Advertising Service (600A) and Advertising Service (600B) are represented by cylinders.

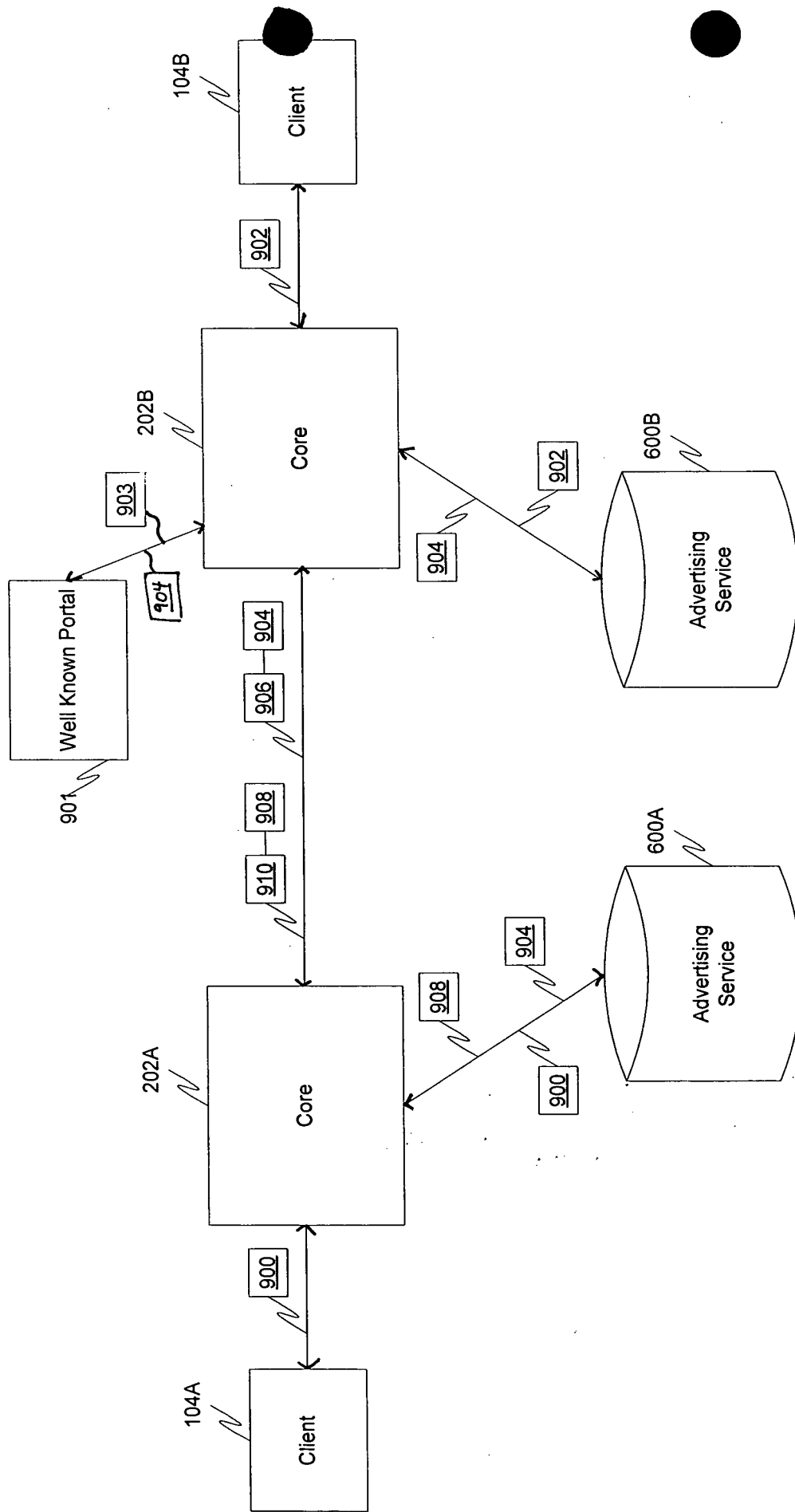


FIG. 9A

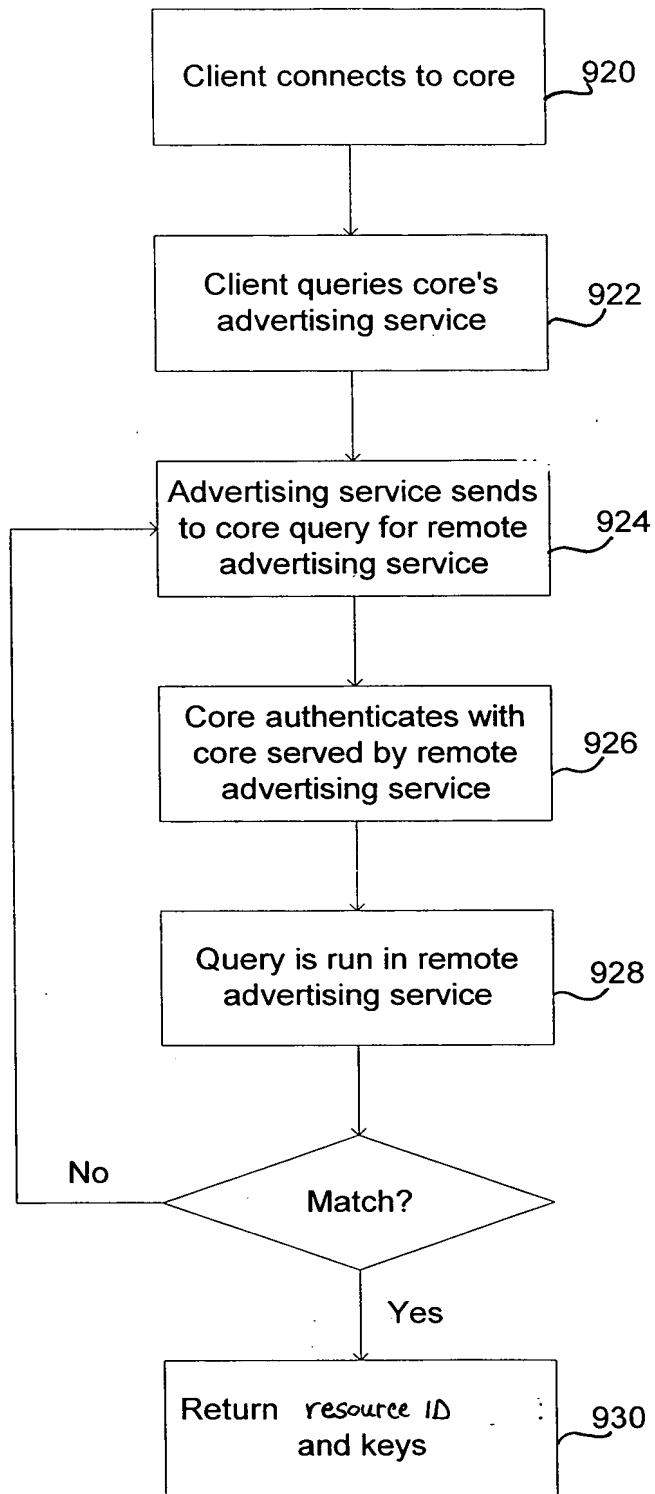


FIG. 9B

924

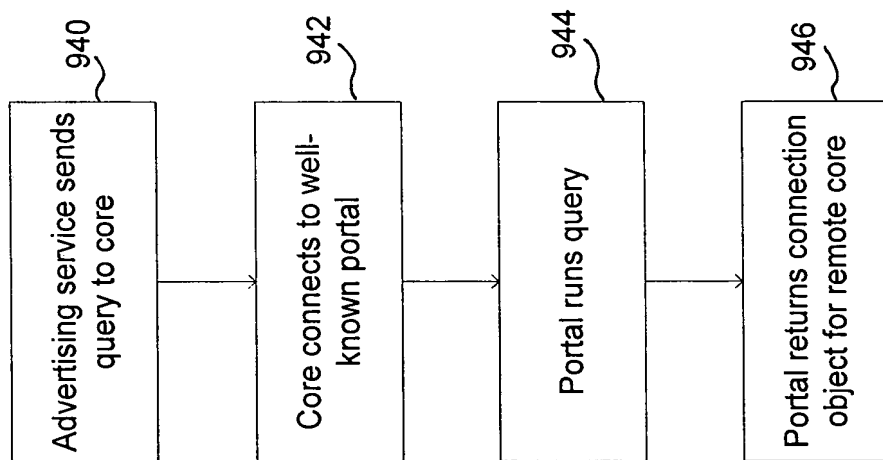


FIG. 9C